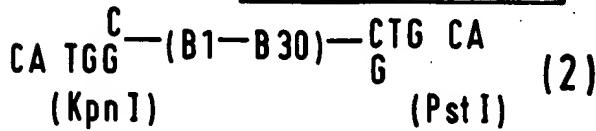
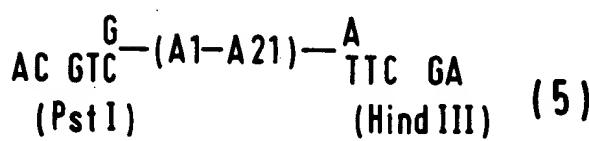
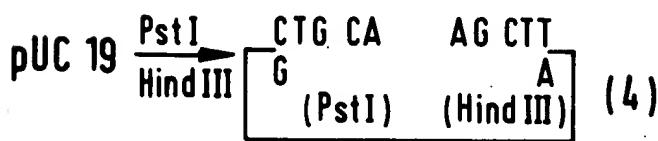
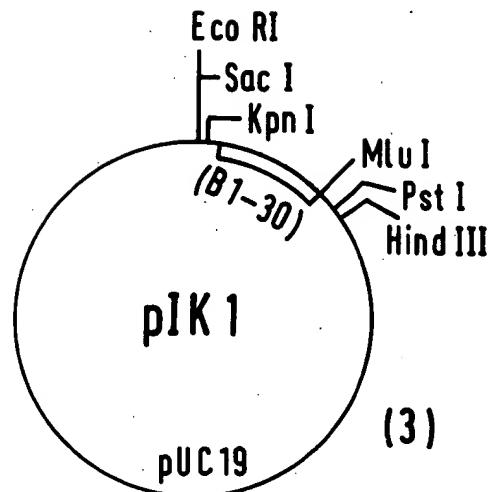


17369686

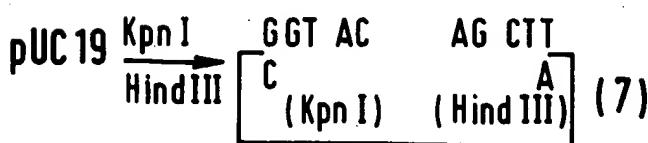
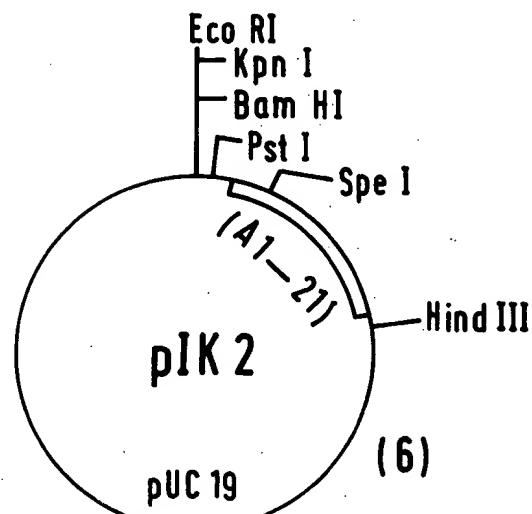
FIG.1



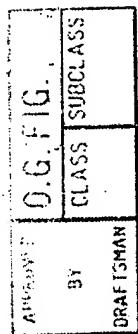
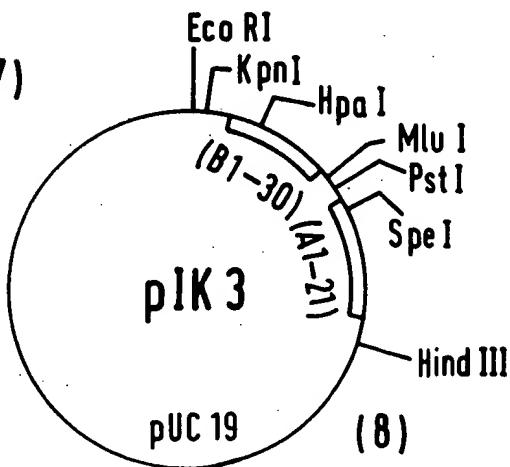
(1) + (2) →



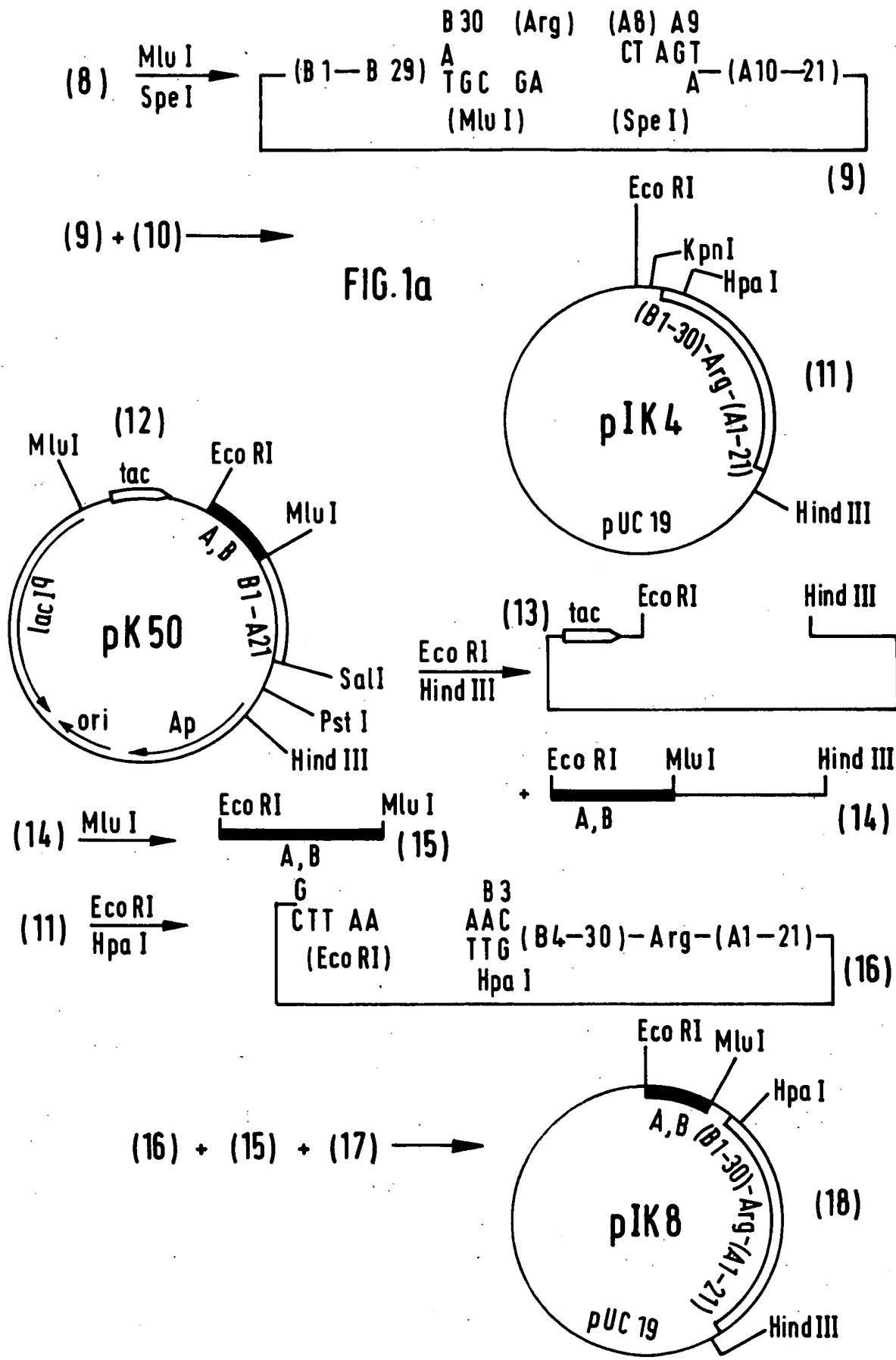
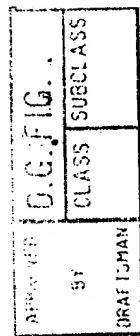
(4) + (5) →



(7) + (2) + (5) →



17369686



07/369686

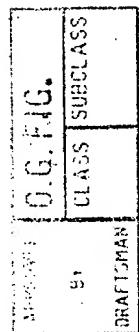
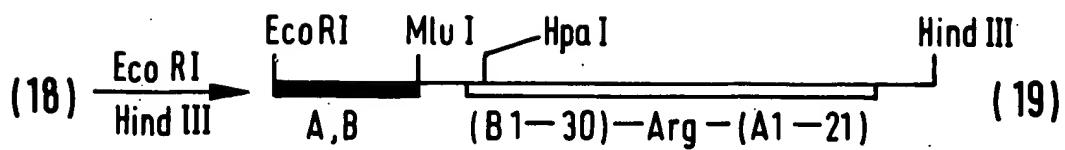
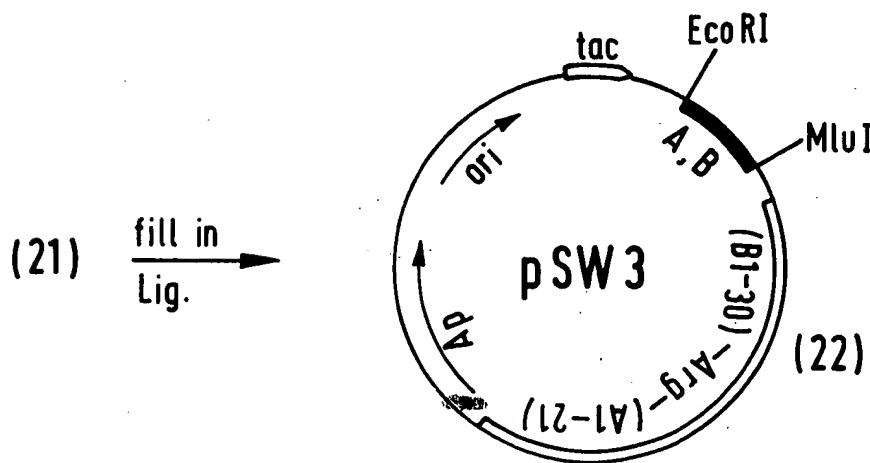
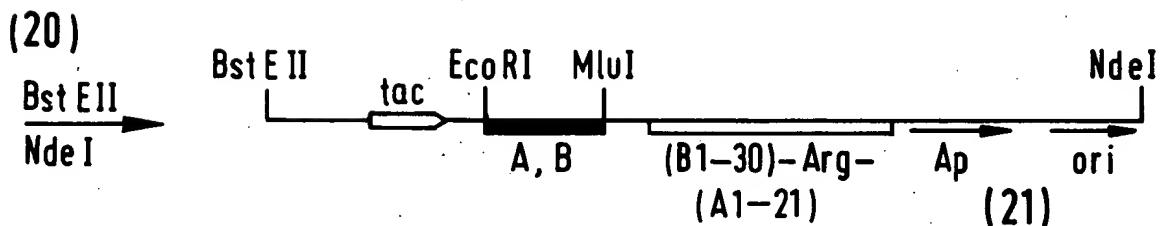
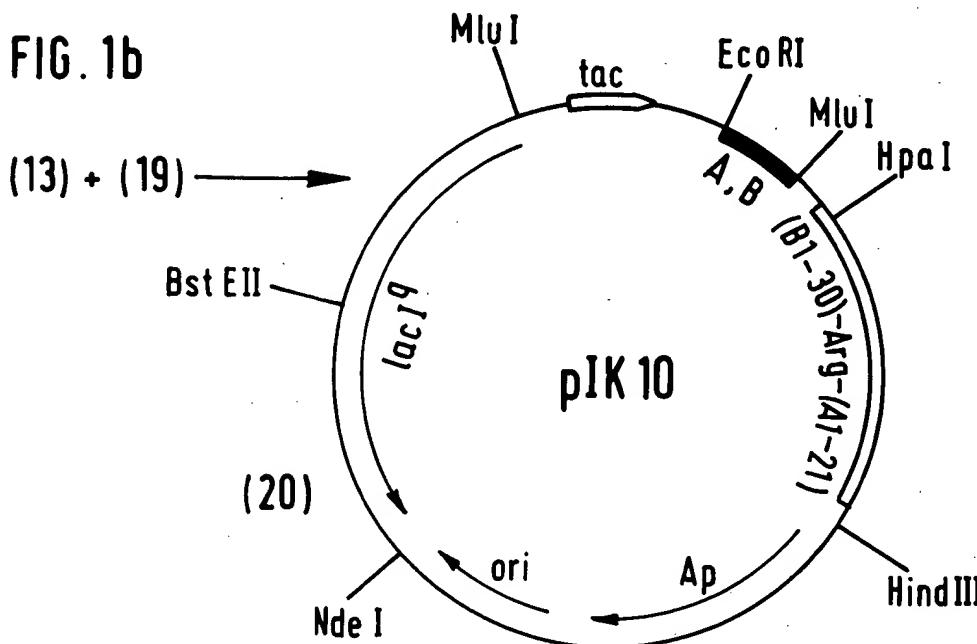


FIG. 1b



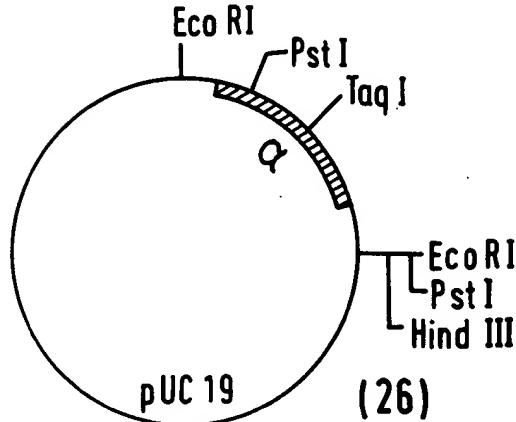
17369686

pUC 19 $\xrightarrow{\text{Eco RI}}$

(Eco RI) — α — (Eco RI)
(24)

$\boxed{\begin{array}{c} G \\ C \end{array}} \text{ TTAA} \quad \text{AA TT C} \quad \boxed{G}$ (25)

FIG. 2



(24) + (25) \longrightarrow

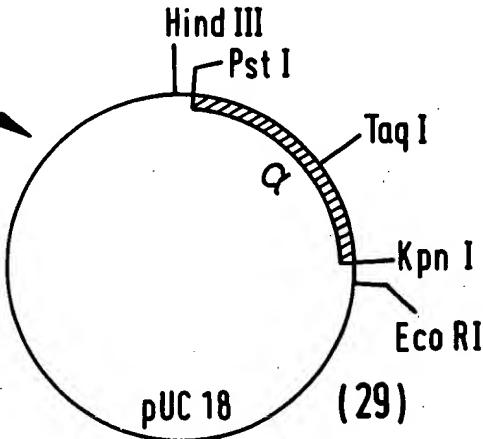
(26) $\xrightarrow[\text{Taq I}]{\text{Pst I}}$ (Pst I) α — (9—48) (Taq I)
(27)

pUC 18 $\xrightarrow[\text{Kpn I}]{\text{Pst I}}$

$\boxed{\begin{array}{c} CTGCA \\ C \end{array}} \quad \boxed{\begin{array}{c} C \\ (Pst I) \end{array}} \quad \boxed{\begin{array}{c} CA TG G \\ (Kpn I) \end{array}}$ (28)

(28) + (27) + (23) \longrightarrow

(29) $\xrightarrow[\text{Kpn I}]{\text{Pst I}}$ (Pst I) α (8—80) (Kpn I)
(30)

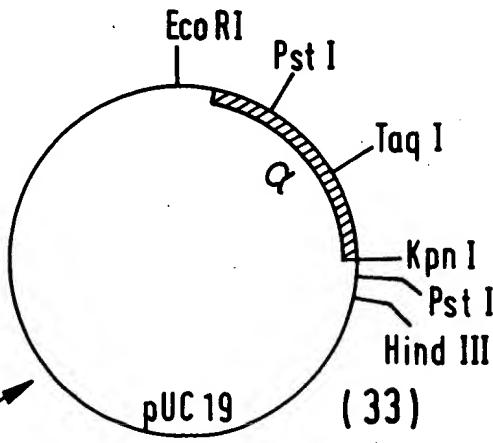


(26) $\xrightarrow[\text{Pst I, part.}]{\text{Eco RI}}$ (Eco RI) — α (1—8) (Pst I)
(31)

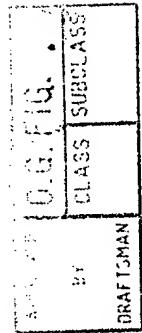
pUC 19 $\xrightarrow[\text{Kpn I}]{\text{Eco RI}}$

$\boxed{\begin{array}{c} G \\ C \end{array}} \text{ TTAA} \quad \boxed{\begin{array}{c} C \\ (Eco RI) \end{array}} \quad \boxed{\begin{array}{c} CATGG \\ (Kpn I) \end{array}}$

(32)

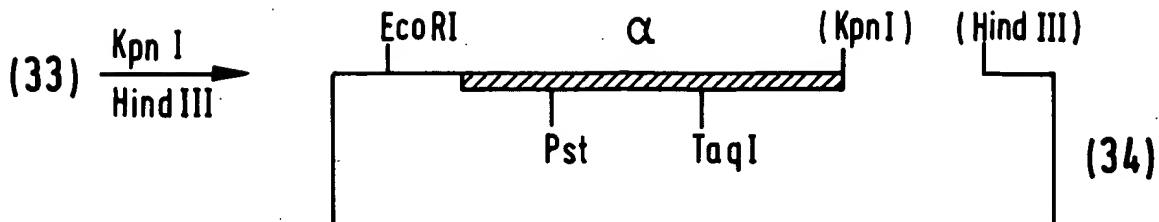


(32) + (31) + (30) \longrightarrow

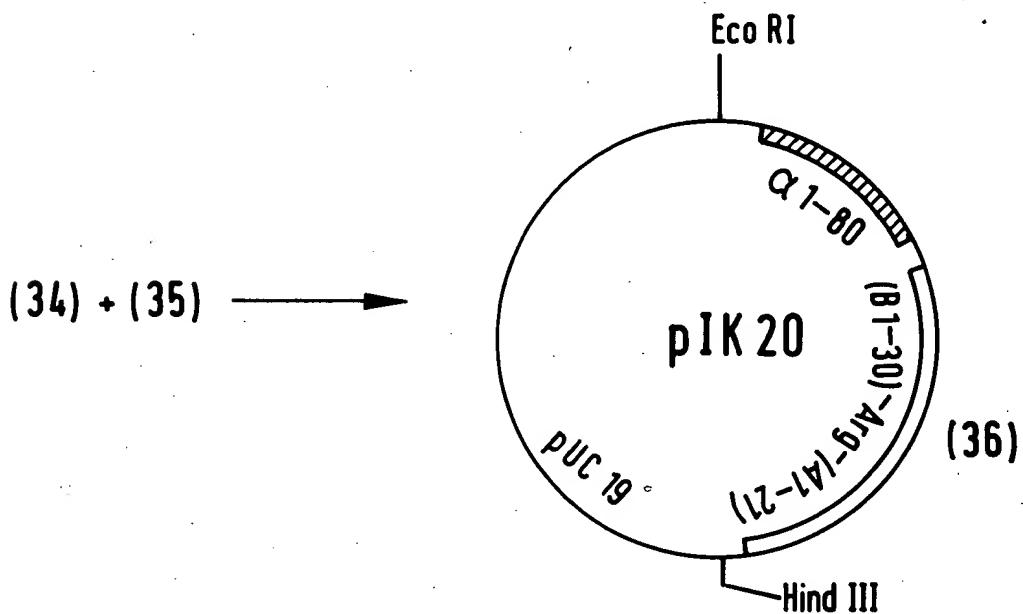


17/369686

FIG. 2a



(11) $\xrightarrow[\text{Hind III}]{\text{Kpn I}}$ (Kpn I) - (B1-30) - Arg - (A1-21) - (Hind III) (35)



(36) $\xrightarrow[\text{Hind III}]{\text{Eco RI}}$

Klenow

AATTC - (α1-80)-Met-Gly-Arg-(B1-30) Arg -

TTAAG

A (1-21) - AAGCT

TTCGA

(37)

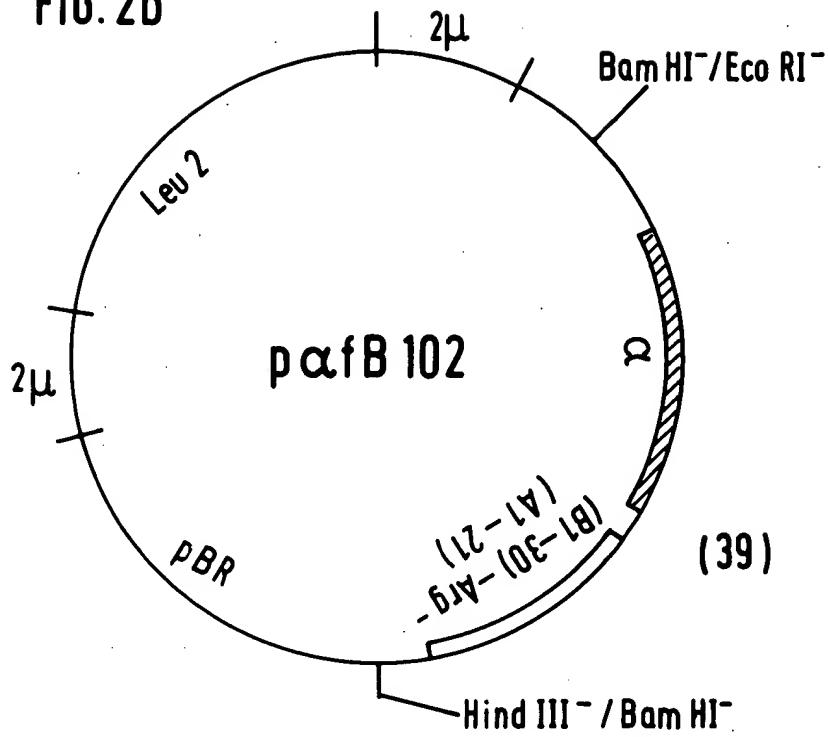
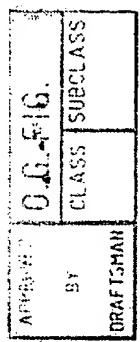
Yep 13 $\xrightarrow[\text{Klenow}]{\text{Bam HI}}$

GGATC CCTAG GATCC CTAGG

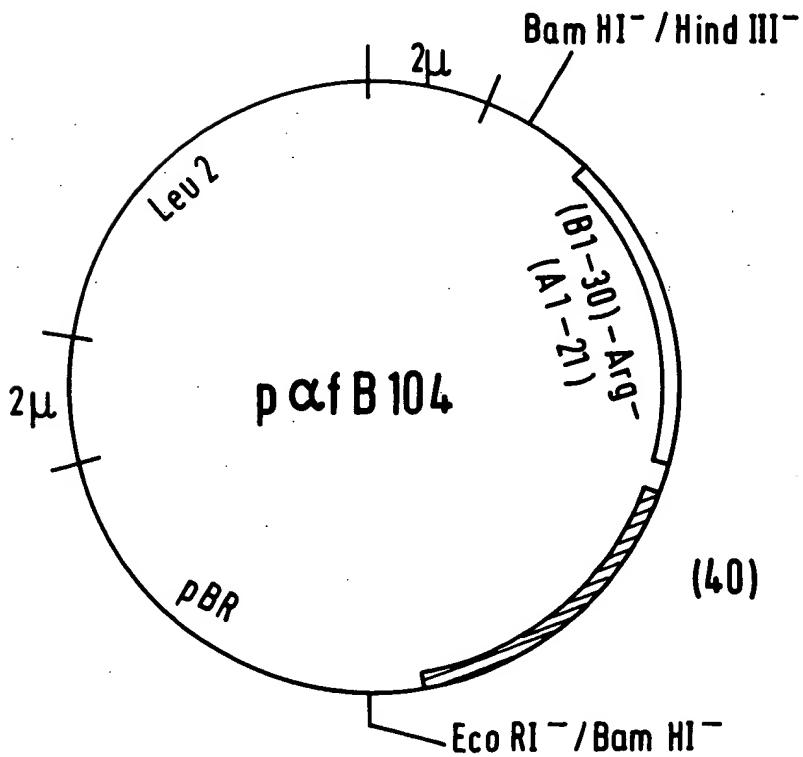
(38)

(37) + (38) \longrightarrow (39) + (40)

FIG. 2b



(39)

Hind III⁻ / Bam HI⁻

(40)

Eco RI⁻ / Bam HI⁻